

===== WPI =====

- TI - Dot code and information recording and reproducing system - uses printer system, on sheet, and multimedia information in form of dot codes together with images and characters is recorded
- AB - W09408314 The optical recording and repeated reproduction of multimedia information uses a printer system or printing process system, on a recording medium such as a sheet. The so-called multimedia information in the form of dot codes (36) together with images (32) and characters (34) is recorded. The multimedia information includes audio information such as voices, image information obtainable from a camera and others, and digitally coded data obtainable from a personal computer and others.
- A pen-like information reproducing device is manually moved to scan the dot codes and to take in the dot codes. The original sound is generated by a voice output device such as an earphone, the original image information is outputted on a display such as a CRT, and the digitally coded original data to a page printer.
- (Dwg.2/110)
- EPAB - EP670555 The optical recording and repeated reproduction of multimedia information uses a printer system or printing process system, on a recording medium such as a sheet. The so-called multimedia information in the form of dot codes (36) together with images (32) and characters (34) is recorded. The multimedia information includes audio information such as voices, image information obtainable from a camera and others, and digitally coded data obtainable from a personal computer and others.
- A pen-like information reproducing device is manually moved to scan the dot codes and to take in the dot codes. The original sound is generated by a voice output device such as an earphone, the original image information is outputted on a display such as a CRT, and the digitally coded original data to a page printer.
- USAB - US5896403 The optical recording and repeated reproduction of multimedia information uses a printer system or printing process system, on a recording medium such as a sheet. The so-called multimedia information in the form of dot codes (36) together with images (32) and characters (34) is recorded. The multimedia information includes audio information such as voices, image information obtainable from a camera and others, and digitally coded data obtainable from a personal computer and others.
- A pen-like information reproducing device is manually moved to scan the dot codes and to take in the dot codes. The original sound is generated by a voice output device such as an earphone, the original image information is outputted on a display such as a CRT, and the digitally coded original data to a page printer.
- US6052813 The optical recording and repeated reproduction of multimedia information uses a printer system or printing process system, on a recording medium such as a sheet. The so-called multimedia information in the form of dot codes (36) together with images (32) and characters (34) is recorded. The multimedia information includes audio information such as voices, image information obtainable from a camera and others, and digitally coded data obtainable from a personal computer and others.
- A pen-like information reproducing device is manually moved to scan the dot codes and to take in the dot codes. The original sound is generated by a voice output device such as an earphone, the original image information is outputted on a display such as a CRT, and the digitally coded original data to a page printer.
- US6058498 The optical recording and repeated reproduction of multimedia information uses a printer system or printing process system, on a recording medium such as a sheet. The so-called multimedia information in the form of dot codes (36) together with images (32) and characters (34) is recorded. The multimedia information includes audio information such as voices, image information obtainable from a camera and others, and digitally coded data obtainable from a personal computer and others.
- A pen-like information reproducing device is manually moved to scan the dot codes and to take in the dot codes. The original sound is generated by a voice output device such as an earphone, the original image information is outputted on a display such as a CRT, and the digitally

===== PAJ =====

TI - DOT CODE

AB - PROBLEM TO BE SOLVED: To attain the long-time recording of the multimedia information.

- SOLUTION: A dot code that is recorded on a recording medium such as paper, etc., and can be optically read consists of plural square blocks 304 of the same size which are arranged in two dimensions of both X and Y directions so as to share their sides with each other. Then every block 304 includes a data dot pattern consisting of plural dots 316 which are arrayed in two dimensions in accordance with the contents of the data on the multimedia information and a pattern that couldn't be included in the data dot pattern. The markers 310 whose centers are set at the apex positions set at four corners of the block 304 and the block address patterns 306 which show the block addresses are arranged based on a prescribed position relation. Then the dot array positions of the data dot pattern are specified in a two-dimensional way in every block 304 by a pair of markers 310 which are placed at both ends of a single side of the block 304.

PN - JP10187907 A 19980721

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ABD - 19981031

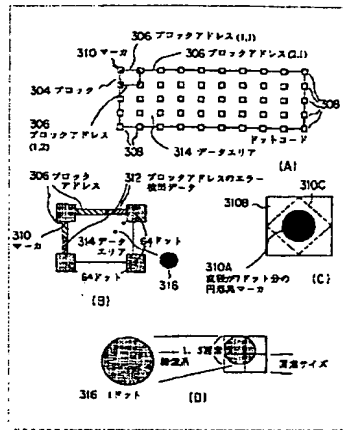
ABV - 199812

AP - JP19970255823 19970919

PA - OLYMPUS OPTICAL CO LTD

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I - G06K19/06 ;G06K7/10 ;G06K17/00



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